

FACT SHEET



Haynes Site Richwoods, Missouri

November 1999

Introduction

The U.S. Environmental Protection Agency (EPA) Region 7 and the state of Missouri are investigating the Haynes Site in Richwoods, Missouri. The purposes of the investigations are to determine if a human health or environmental risk is posed by previous known dumping at the site.

EPA and the Missouri Department of Natural Resources (MDNR) are conducting the site investigations under the Superfund program. Congress established the Superfund program in 1980 in response to growing concerns over human health and environmental risks posed by hazardous waste sites. Superfund locates, investigates and cleans up hazardous waste sites.

Background

The Haynes site is about one mile west of Richwoods in Washington County, Missouri. The site was discovered in February 1977 when nearby residents contacted the state to report that open burning was releasing excessive smoke in the area. The state cited the property owner for violating the state's solid waste management law. The state ordered the site closed in 1977 as a non-permitted operation. Since the closure the site has been used as an illegal solid waste dump.

Site investigations indicate that from 1975 to 1976 approximately 5,700 drums containing magnesium grindings and polishing dust waste was dumped at the site. During the same time period the site was also used for industrial and domestic solid waste disposal.

Removal Assessment Results

EPA conducted a Removal Assessment/Removal Site Evaluation in July 1999. EPA did this to determine if the site posed a threat to human health and the environment. If a site poses a threat, EPA and MDNR will take steps to make sure the situation is quickly addressed and the site is safe.

EPA excavated several trenches into the landfill area to determine the types and quantities of waste on the site. Sample results from the fill area confirmed the presence of non-reactive magnesium as well as elevated lead levels. Sample results also show elevated levels of volatile organic compounds (VOCs), magnesium and lead in the fill materials. These elevated levels were found in isolated locations in the fill area.

Proposed Actions for the Site

The 1999 Removal Assessment indicates that there may be contamination at the site which needs to be removed. However, because of all of the solid waste on top of the landfill, EPA was unable to do enough sampling to fully determine whether the site posed a threat. Accordingly, a more extensive site investigation is being planned for the spring of 2000. This investigation will include removing some or all of the solid waste deposited on the slope of the fill area, and more extensive sampling which could involve removing the source contaminants which pose a human health or environmental threat.

Additional Information

If you would like additional information about the site please contact:

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